

CLAIMS

What is claimed is:

1. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, a voiceprint of a caller;

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storing at least one caller speech tag in association with the voiceprint;

identifying, in dependence upon the voiceprint, a caller who leaves a
voicemail message;

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receiving, from a particular voicemail user, at least one search keyword; and

selecting, in dependence upon the search keyword and the caller speech tag,
one or more voicemail messages for the particular voicemail user.

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2. The method of claim 1 wherein storing a voiceprint further comprises
prompting a caller for a predefined greeting for the voiceprint.
3. The method of claim 1 wherein storing a voiceprint further comprises
extracting the voiceprint from voicemail.
4. The method of claim 1 wherein storing a caller speech tag further comprises
prompting a voicemail user to enter a caller speech tag for the voiceprint.

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5. The method of claim 4 wherein prompting a voicemail user to enter a caller speech tag comprises:

accepting at least one spoken caller speech tag from the voicemail user; and

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converting the spoken caller speech tag to text.

6. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, caller identification data that identifies a caller;

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identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

receiving at least one search keyword from a particular voicemail user; and

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selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

7. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, message text converted from the voicemail message;

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receiving, from a particular voicemail user, at least one search keyword; and

selecting, in dependence upon the search keywords and the message text, one or more voicemail messages for the particular voicemail user.

8. A system for voicemail searching, the system comprising:
- means for storing, in association with a voicemail message, a voiceprint of a caller;
- 5 means for storing at least one caller speech tag in association with the voiceprint;
- means for identifying, in dependence upon the voiceprint, a caller who leaves a voicemail message;
- 10 means for receiving, from a particular voicemail user, at least one search keyword; and
- 15 means for selecting, in dependence upon the search keyword and the caller speech tag, one or more voicemail messages for the particular voicemail user.
9. The system of claim 8 wherein means for storing a voiceprint further comprises means for prompting a caller for a predefined greeting for the voiceprint.
10. The system of claim 8 wherein means for storing a voiceprint further comprises means for extracting the voiceprint from voicemail.
11. The system of claim 8 wherein means for storing a caller speech tag further comprises means for prompting a voicemail user to enter a caller speech tag for the voiceprint.

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12. The system of claim 11 wherein means for prompting a voicemail user to enter a caller speech tag comprises:

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means for accepting at least one spoken caller speech tag from the voicemail user; and

means for converting the spoken caller speech tag to text.

13. A system for voicemail searching, the system comprising:

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means for storing, in association with a voicemail message, caller identification data that identifies a caller;

means for identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

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means for receiving at least one search keyword from a particular voicemail user; and

means for selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

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14. A system for voicemail searching, the system comprising:

means for storing, in association with a voicemail message, message text

converted from the voicemail message;

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means for receiving, from a particular voicemail user, at least one search keyword; and

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means for selecting, in dependence upon the search keywords and the message text, one or more voicemail messages for the particular voicemail user.

15. A computer program product for voicemail searching, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for storing, in association with a voicemail message, a voiceprint of a caller;

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means, recorded on the recording medium, for storing at least one caller speech tag in association with the voiceprint;

means, recorded on the recording medium, for identifying, in dependence upon the voiceprint, a caller who leaves a voicemail message;

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means, recorded on the recording medium, for receiving, from a particular voicemail user, at least one search keyword; and

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means, recorded on the recording medium, for selecting, in dependence upon the search keyword and the caller speech tag, one or more voicemail messages for the particular voicemail user.

16. The computer program product of claim 15 wherein means for storing a voiceprint further comprises means, recorded on the recording medium, for prompting a caller for a predefined greeting for the voiceprint.

17. The computer program product of claim 15 wherein means for storing a voiceprint further comprises means, recorded on the recording medium, for

extracting the voiceprint from voicemail.

18. The computer program product of claim 15 wherein means for storing a caller speech tag further comprises means, recorded on the recording medium, for prompting a voicemail user to enter a caller speech tag for the voiceprint.

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19. A computer program product for voicemail searching, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for storing, in association with a voicemail message, caller identification data that identifies a caller;

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means, recorded on the recording medium, for identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

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means, recorded on the recording medium, for receiving at least one search keyword from a particular voicemail user; and

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means, recorded on the recording medium, for selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

20. A computer program product for voicemail searching, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for storing, in association with a voicemail message, message text converted from the voicemail message;

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means, recorded on the recording medium, for receiving, from a particular voicemail user, at least one search keyword; and

means, recorded on the recording medium, for selecting, in dependence upon the search keywords and the message text, one or more voicemail messages for the particular voicemail user.

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